

Converting Colors

XYZ(15.9562, 9.8822, 2.7355)

Have a look what the booklet for
XYZ(15.9562, 9.8822, 2.7355)
contains.

XYZ(15.9562, 9.8822, 2.7355)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.9562, 9.8822,
2.7355)**

Conversions

Conversions Part 1

Format	Color
Hex	A03224
RGB	160, 50, 36
RGB Percent	63%, 20%, 14%
CMY	0.3726, 0.8039, 0.8588
CMYK	0.00, 0.69, 0.77, 0.37
HSL	7°, 63%, 38%
HSV	7°, 77%, 63%
XYZ	15.9562, 9.8822, 2.7355
YIQ	81.2940, 70.0540, 18.9660

Conversions

Conversions Part 2

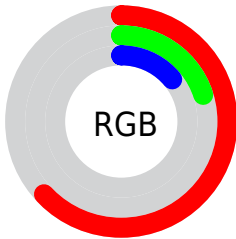
Format	Color
R _Y B	160, 52, 36
Decimal	10498596
CIE Lab	37.63, 44.66, 33.89
CIE LCh	38, 56.063, 37.192
Yxy	9.8822, 0.5584, 0.3458
Android (android.graphics.Color)	4288688676 (0xFFA03224)
YUV	81.2940, -22.3299, 69.0252
Hunter-Lab	31.4360, 35.5897, 16.8459

Details

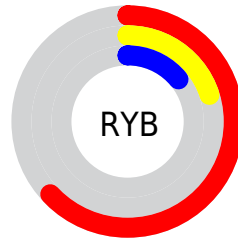
The XYZ color **15.9562, 9.8822, 2.7355** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **17.3502, 23.4681, 36.8726**, and the grayscale version is **7.9131, 8.3252, 9.0661**.

A 20% lighter version of the original color is **36.1920, 25.6818, 11.0322**, and **5.3668, 2.7667, 0.2512** is the 20% darker color. If you saturate the color by 10%, you get **15.2486, 8.7746, 1.5518**, and if you desaturate by 10%, it is **16.9616, 11.4109, 4.5574**.

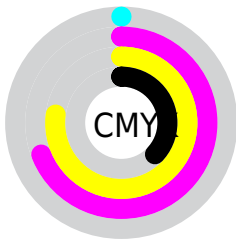
Distribution



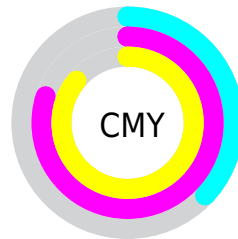
- Red (63%)
- Green (20%)
- Blue (14%)



- Red (63%)
- Yellow (20%)
- Blue (14%)



- Cyan (0%)
- Magenta (69%)
- Yellow (77%)
- Black (37%)




- Cyan (37%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9562, 9.8822, 2.7355 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 15.9562, 9.8822, 2.7355 by changing the saturation by 10% instead.


 15.9562, 9.8822,
2.7355


 15.9562, 9.8822,
2.7355


222.3586,
189.8292, 132.9171


 9.5838, 5.3209,
0.9612


 36.0802, 25.5737,
10.9685


 5.1840, 2.4368,
0.0000

 50.5625, 37.4727,
18.2643


 2.3915, 0.8447,
0.0000

 68.4789, 52.5864,
28.2376

 0.8409, 0.0000,
0.0000

 90.1947, 71.2992,
41.3071

 0.0000, 0.0000,
0.0000

 116.0751, 93.9955,
57.8913

 146.4857,

121.0597, 78.4086

181.7918,
152.8761, 103.2777

15.9562, 9.8822,
2.7355

15.9562, 9.8822,
2.7355

15.2486, 8.7746,
1.5518

16.9616, 11.4109,
4.5574

14.7987, 8.0418,
0.8871

18.2928, 13.3957,
7.0903

14.7145, 7.9085,
0.7510

19.9753, 15.8697,
10.3978

22.0318, 18.8627,
14.5362

24.4832, 22.4020,
19.5565

■ 27.3486, 26.5128,
25.5057

■ 30.6460, 31.2191,
32.4275

■ 34.3925, 36.5431,
40.3626

■ 38.6039, 42.5062,
49.3496

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.9351, 9.8822, 8.4910



15.9562, 9.8822, 2.7355



12.2987, 9.8822, 0.9229

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.9562, 9.8822, 2.7355



4.3966, 9.8822, 4.8166



10.2746, 9.8822, 44.2005

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



15.9562, 9.8822, 2.7355



17.3502, 23.4681, 36.8726

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6.9849, 9.8822, 40.7634



15.9562, 9.8822, 2.7355



4.1132, 9.8822, 13.4011

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.9562, 9.8822, 2.7355



5.8377, 9.8822, 1.4870



4.9328, 9.8822, 27.4568



14.1590, 9.8822, 35.0940

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15.9562, 9.8822, 2.7355



9.7315, 9.8822, 0.6211



4.9328, 9.8822, 27.4568



9.0619, 9.8822, 44.5360

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



15.9564, 9.8828, 2.7357



46.4728, 43.5761, 39.6831



20.4415, 10.8607, 28.8699



9.8184, 9.0199, 7.9298



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.9564, 9.8828, 2.7357



27.0558, 14.9021, 1.8889



20.4346, 18.8391, 4.2284



6.6904, 6.7609, 6.9380



11.4803, 6.1963, 0.5909



0.2207, 0.1416, 0.0157

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



17.3502, 23.4681, 36.8726



29.5104, 40.3035, 66.6105



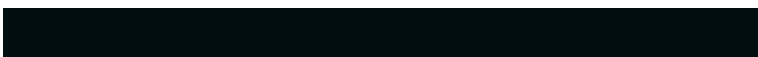
10.3686, 9.5049, 34.5454



6.7578, 7.3814, 8.4753



12.4893, 17.0702, 28.5439



0.2397, 0.3380, 0.5158

Previews

White Background



This preview shows how the XYZ color 15.9562, 9.8822, 2.7355 looks on a white background.

Color Contrast Check

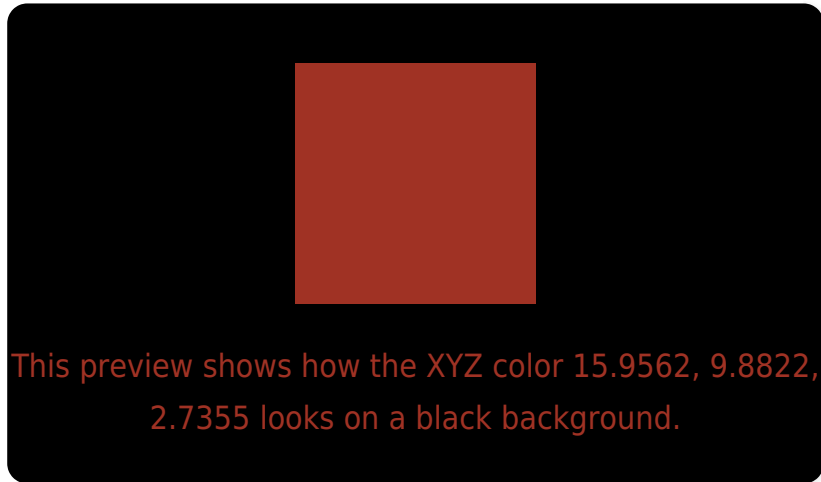
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9562, 9.8822, 2.7355

Background



This preview shows how black text looks on a background with the XYZ color 15.9562, 9.8822, 2.7355.



This preview shows how white text looks on a background with the XYZ color 15.9562, 9.8822,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

15.9562, 9.8822, 2.7355

Protanopia

9.3353, 10.1784, 4.2689

Deuteranopia

10.1402, 10.0256, 2.4993



Tritanopia

16.1299, 9.8178, 4.0625

Trichromacy



Original Color

15.9562, 9.8822, 2.7355

Protanomaly

10.8559, 9.2790, 3.6017

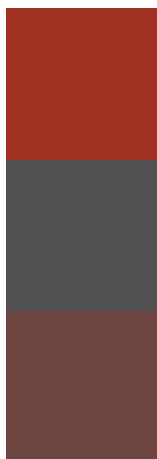
Deuteranomaly

11.6179, 9.4008, 2.4985

Tritanomaly

16.0692, 9.8597, 3.5388

Monochromacy



Original Color

15.9562, 9.8822, 2.7355

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

9.5747, 8.0770, 6.0554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9562, 9.8822, 2.7355 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(160, 50, 36)` looks like.

```
.text, #text, p{  
    color:rgb(160, 50, 36)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(160, 50, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 50, 36) }
```

Border

The CSS property to change the border of an element to XYZ 15.9562, 9.8822, 2.7355 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 50, 36) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(160, 50, 36) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(160, 50, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 50, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 50, 36);  
box-shadow:4px 4px 4px 4px rgb(160, 50,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9562, 9.8822, 2.7355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 50, 36) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(160, 50,  
36) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor